

# Converting Colors

CIELCh(69, 37.277, 39.970)

Have a look what the booklet for  
CIELCh(69, 37.277, 39.970) contains.

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# **Color**

**CIELCh(69, 37.277, 39.970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6947F
RGB	230, 148, 127
RGB Percent	90%, 58%, 50%
CMY	0.0996, 0.4210, 0.5033
CMYK	0.00, 0.36, 0.45, 0.10
HSL	12°, 67%, 70%
HSV	12°, 45%, 90%
XYZ	46.8433, 39.3444, 25.0842
YIQ	170.1240, 55.6130, 10.8530

# Conversions

## Conversions Part 2

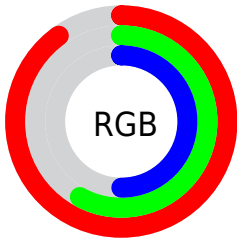
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 153, 127
Decimal	15111295
CIE <sub>Lab</sub>	69.00, 28.57, 23.95
CIE <sub>LCh</sub>	69, 37.277, 39.970
Yxy	39.3444, 0.4210, 0.3536
Android (android.graphics.Color)	4293301375 (0xFFE6947F)
YUV	170.1240, -21.2601, 52.5113
Hunter-Lab	62.7251, 23.5353, 20.1971

# Details

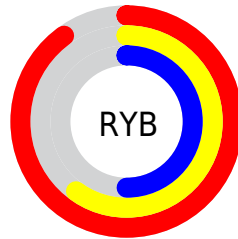
The CIELCh color **69, 37.277, 39.970** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79, 26.726, 222.852**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 23.941, 50.519**, and **49, 37.473, 39.373** is the 20% darker color. If you saturate the color by 10%, you get **65, 47.429, 40.479**, and if you desaturate by 10%, it is **74, 27.788, 39.687**.

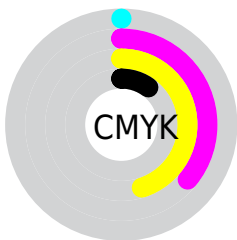
# Distribution



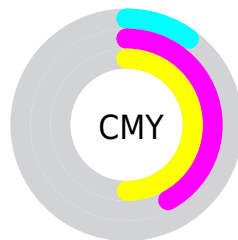
- Red (90%)
- Green (58%)
- Blue (50%)



- Red (90%)
- Yellow (60%)
- Blue (50%)



- Cyan (0%)
- Magenta (36%)
- Yellow (45%)
- Black (10%)



- Cyan (10%)
- Magenta (42%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 37.277, 39.970 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 69, 37.277, 39.970 by changing the saturation by 10% instead.



69, 37.277, 39.970

69, 37.277, 39.970

100, 37.277,  
39.970

59, 37.277, 39.970

89, 37.277, 39.970

49, 37.277, 39.970

99, 37.277, 39.970

39, 37.277, 39.970

29, 37.277, 39.970

19, 37.277, 39.970

9, 37.277, 39.970

0, 37.277, 39.970

69, 37.277, 39.970

69, 37.277, 39.970

65, 47.429, 40.479

74, 27.788, 39.687

61, 58.131, 41.216

79, 18.997, 39.580

57, 69.091, 42.135

84, 10.884, 39.607

54, 79.651, 43.021

89, 3.405, 39.648

51, 88.380, 43.314

94, 3.498, 220.244

50, 91.939, 43.284

98, 8.656, 198.935

# Harmonies

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69, 37.277, 39.970



79, 26.726, 222.852

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 37.277, 39.970



69, 37.277, 89.970



69, 37.277, 219.970



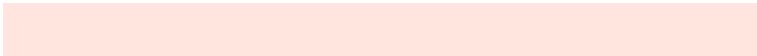
69, 37.277, 269.970

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69, 37.275, 39.975



93, 10.308, 39.620



67, 56.553, 333.505



48, 7.280, 39.604



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 37.275, 39.975



71, 50.752, 40.447



81, 40.040, 87.878



45, 4.073, 39.649



39, 75.743, 43.686



8, 23.587, 33.488





# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79, 26.726, 222.852



85, 33.364, 224.170



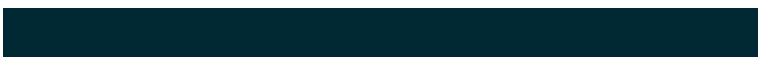
65, 40.571, 281.452



47, 3.841, 220.314



55, 33.678, 236.309



14, 13.987, 229.459



# Previews

## White Background



This preview shows how the CIELCh color 69, 37.277, 39.970 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the CIE LCh color 69, 37.277, 39.970 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 69, 37.277, 39.970

## Background



This preview shows how black text looks on a background with the CIELCh color 69, 37.277, 39.970.



This preview shows how white text looks on a background with the CIELCh color 69, 37.277, 39.970.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
69, 37.277, 39.970

**Protanopia**  
69, 18.033, 93.955

**Deuteranopia**  
69, 26.552, 70.700



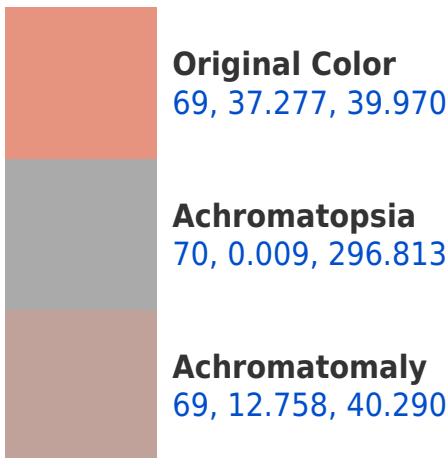
**Tritanopia**  
69, 35.614, 14.450



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 69, 37.277, 39.970 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(230, 148, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 148, 127)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 148, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 148, 127) }
```

## Border

The CSS property to change the border of an element to CIELCh 69, 37.277, 39.970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 148, 127) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(230, 148, 127) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(230, 148, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 148, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 148, 127);  
box-shadow:4px 4px 4px 4px rgb(230, 148,  
127) }
```

# Background

The CSS property to change the background color of an element to CIELCh 69, 37.277, 39.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 148, 127) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230,  
148, 127) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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